

RADIATION IMAGE PICKUP DEVICE AND SYSTEM

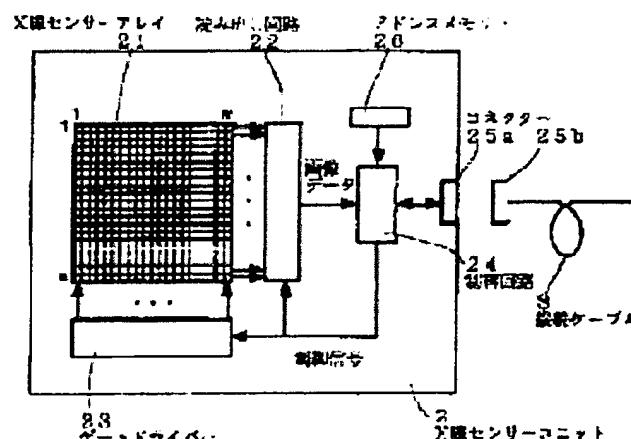
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Abstract of JP11271454

PROBLEM TO BE SOLVED: To provide an inexpensive, portable image pickup device and system that can be easily fitted to an X-ray image pickup facility and can process, display, and record a large capacity of image data.

SOLUTION: An X-ray sensor unit 2 incorporates an X-ray sensor array 21, a reading circuit 22, a gate driver 23, a control circuit 24, an address memory 26, and the like in an enclosure that is in the same as a conventional cassette and can transmit a large amount of X-ray image data to an external image-processing device image-displaying device, and an image-recording device via a connection cable 3. A power supply and an image memory are incorporated in the X-ray sensor unit 2. Then, the image processing device, the image displaying device, and the image recording device are provided on one floor of a building, a communication cable is wired from it to each floor and a connection cable 3 is connected to each of an X-ray image pickup room, and the X-ray sensor unit 2 is taken into the required X-ray image pickup device and is connected to the connection cable 3 by a connector, thus performing X-ray image pickup.



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